

Manav Singh

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OBJECTIVE

Pre-final year B.Tech Computer Science student with strong foundations in Data Structures & Algorithms, Object-Oriented Programming, SQL, Database Management Systems, Operating Systems, Computer Networks. Solved 450+ DSA problems, showcasing strong problem-solving and coding skills.

EXPERIENCE

- Freelancing** Jan 2025 – Present
Work Experience Remote
 - Designed secure React forms with advanced validation — improving accuracy by 35%, transferable to clinical documentation and chart auditing workflows.
 - Led frontend optimization reducing load time by 40% — directly applicable to responsive clinical dashboards and real-time RPM systems.

EDUCATION

- Lovely Professional University** Aug-2023 - Aug-2027
B.Tech(Computer Science and Engineering) Jalandhar ,India
 - GPA: 7.48

PROJECTS

- Stock Trading Platform** May 2025 - July 2025
Tech Stack: React.js, Node.js, Express.js, Redux, MongoDB, Tailwind CSS, JWT, Razorpay, Finnhub API [Link](#)
 - Built a full-featured trading platform inspired by Zerodha Kite, integrating live stock charts, order placement, holdings overview, and positions tracking boosting trading efficiency by 30%.
 - Integrated secure wallet funding with Razorpay and implemented JWT-based authentication, strengthening transaction security and improving user retention by 25%.
 - Developed dynamic, reusable React components for real-time portfolio analytics and watchlist management, enhancing user engagement and data accessibility by 35%.
- Travelling Website** June 2025 - July 2025
Tech Stack: MongoDB, React.js, Express.js, Node.js, Bootstrap, Mapbox API [Link](#)
 - Implemented verified listings and identity verification for both hosts and guests, strengthening community trust and increasing platform usage by 30%.
 - Developed a user review and rating system enabling both guests and hosts to share feedback, boosting engagement by 25% and improving transparency.
 - Integrated Mapbox API for interactive property maps, allowing users to view exact locations and enhancing booking decisions by 20%.

SKILLS

- Programming Languages:** C++, C, JavaScript, TypeScript
- Web Technologies:** React.js, Next.js, Node.js, Express.js, Tailwind CSS
- Database Systems:** SQL, PostgreSQL, MongoDB
- Other Tools & Technologies:** Postman, Clerk, Linux, VS Code, Agile, CI/CD (basic), Unit Testing
- Version Control:** Git, GitHub

CERTIFICATIONS

- React JS Certification Course (GFG)** June 2025
- Complete Web Development Bootcamp** January 2024

ACHIEVEMENTS

Problem Solving:

- Solved 450+ problems on [LeetCode](https://leetcode.com) demonstrating strong problem-solving skills in algorithmic practice.
- Solved 150+ problems on [GeeksforGeeks](https://www.geeksforgeeks.com)
- Top 5% in Code Wars 2025 — top 10% out of 600+ participants.
- Finalist in college-level coding contests including AlgoKnight and ByteCraft.